

Converting Colors

XYZ(54.4974, 34.1913, 67.3456)

Have a look what the booklet for
XYZ(54.4974, 34.1913, 67.3456)
contains.

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Color

**XYZ(54.4974, 34.1913,
67.3456)**

Conversions

Conversions Part 1

Format	Color
Hex	F469D6
RGB	244, 105, 214
RGB Percent	96%, 41%, 84%
CMY	0.0431, 0.5882, 0.1608
CMYK	0.00, 0.57, 0.12, 0.04
HSL	313°, 86%, 68%
HSV	313°, 57%, 96%
XYZ	54.4974, 34.1913, 67.3456
YIQ	158.9870, 47.8550, 63.3670

Conversions

Conversions Part 2

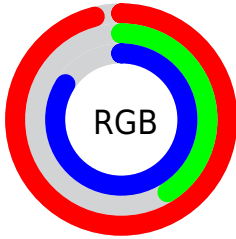
Format	Color
R_YB	244, 105, 214
Decimal	16017878
CIE Lab	65.11, 65.75, -30.55
CIE LCh	65, 72.505, 335.078
Yxy	34.1913, 0.3493, 0.2191
Android (android.graphics.Color)	4294207958 (0xFFFF469D6)
YUV	158.9870, 27.1214, 74.5564
Hunter-Lab	58.4733, 64.0345, -27.3549

Details

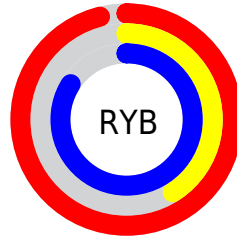
The XYZ color **54.4974, 34.1913, 67.3456** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **42.5512, 69.4551, 34.0879**, and the grayscale version is **32.8148, 34.5237, 37.5963**.

A 20% lighter version of the original color is **72.2103, 54.3207, 101.2868**, and **27.1663, 14.6189, 34.1908** is the 20% darker color. If you saturate the color by 10%, you get **51.6976, 29.6502, 63.1475**, and if you desaturate by 10%, it is **58.0339, 40.1698, 71.8972**.

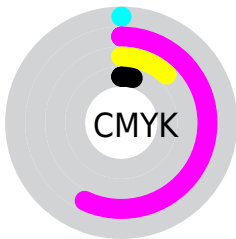
Distribution



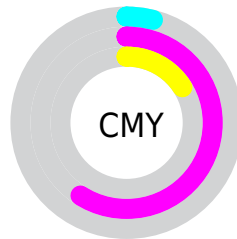
- Red (96%)
- Green (41%)
- Blue (84%)



- Red (96%)
- Yellow (41%)
- Blue (84%)



- Cyan (0%)
- Magenta (57%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (59%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4974, 34.1913, 67.3456 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 54.4974, 34.1913, 67.3456 by changing the saturation by 10% instead.


 54.4974, 34.1913,
67.3456

 54.4974, 34.1913,
67.3456


394.1714,
320.9842, 469.7089

 39.2317, 23.0406,
48.9022


 95.9568, 66.2310,
117.0608

 27.1216, 14.6235,
34.1768


 122.8812, 87.8889,
149.1697

 17.8016, 8.5556,
22.7510


 154.4226,
113.8179, 186.6708

 10.9065, 4.4525,
14.2062

 190.9463,
144.4024, 229.9827

 6.0708, 1.9297,
8.1238

232.8177,
180.0270, 279.5239

 2.9293, 0.5662,
4.0854

280.4021,

 1.1165, 0.0000,

221.0758, 335.7130

1.6723

334.0649,
267.9335, 398.9685

■ 0.0388, 0.0000,
0.3416

■ 0.0000, 0.0000,
0.0000

■ 54.4974, 34.1913,
67.3456

■ 54.4974, 34.1913,
67.3456

■ 51.6976, 29.6502,
63.1475

■ 58.0339, 40.1698,
71.8972

■ 49.5681, 26.4158,
59.2788

■ 62.3594, 47.6917,
76.8198

■ 48.0361, 24.3424,
55.7146

■ 67.5251, 56.8586,
82.1317

■ 47.0073, 23.2414,
52.4224

■ 73.5769, 67.7620,
87.8492

46.7496, 23.0097,
51.4617

80.5574, 80.4867,
93.9874

88.5064, 95.1119,
100.5605

90.4600, 97.7099,
105.2483

91.1185, 97.9733,
108.7160

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.5566, 34.1913, 107.5614



54.4974, 34.1913, 67.3456



57.0825, 34.1913, 32.3348

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.4974, 34.1913, 67.3456



30.7408, 34.1913, 4.2104



18.6013, 34.1913, 81.4038

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.4974, 34.1913, 67.3456



42.5512, 69.4551, 34.0879

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.2328, 34.1913, 42.5927



54.4974, 34.1913, 67.3456



22.2085, 34.1913, 7.1043

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.4974, 34.1913, 67.3456



41.7833, 34.1913, 5.5373



17.3947, 34.1913, 17.7717



24.7012, 34.1913, 118.2971

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.4974, 34.1913, 67.3456



54.4644, 34.1913, 17.6843



17.3947, 34.1913, 17.7717



17.4101, 34.1913, 67.5588

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.4985, 34.1929, 67.3463



81.2759, 74.8041, 97.0570



31.0238, 21.6071, 88.1241



17.0910, 15.4583, 20.4940



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.4985, 34.1929, 67.3463



56.8264, 32.2741, 69.2719



47.6042, 31.4352, 31.0412



17.0515, 16.7035, 20.0178



25.4723, 12.5323, 28.2590



2.2759, 1.1163, 2.6794

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54.4985, 34.1929, 67.3463



56.8264, 32.2741, 69.2719



48.8741, 71.9842, 67.3837



17.0515, 16.7035, 20.0178



25.4723, 12.5323, 28.2590



2.2759, 1.1163, 2.6794

Previews

White Background



This preview shows how the XYZ color 54.4974, 34.1913, 67.3456 looks on a white background.

Color Contrast Check

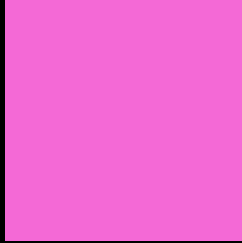
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 54.4974, 34.1913, 67.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

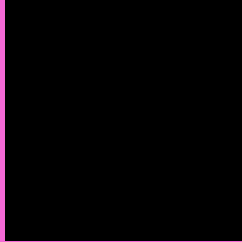
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4974, 34.1913, 67.3456

Background



This preview shows how black text looks on a background with the XYZ color 54.4974, 34.1913, 67.3456.



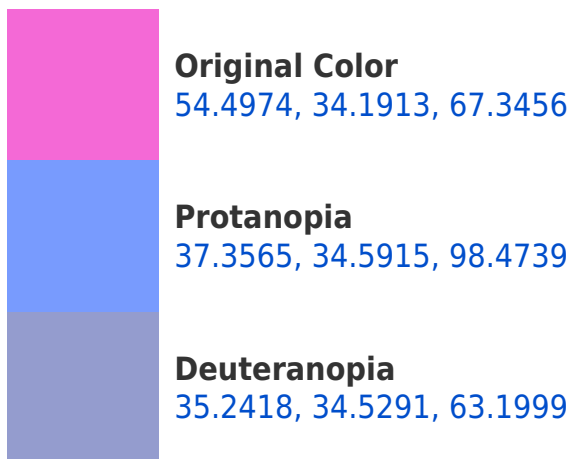
This preview shows how white text looks on a background with the XYZ color 54.4974, 34.1913,

67.3456.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

46.2288, 34.2213, 26.7231

Trichromacy



Original Color

54.4974, 34.1913, 67.3456



Protanomaly

40.0427, 32.1226, 85.7512



Deuteranomaly

39.9827, 32.5620, 64.4994



Tritanomaly

48.6859, 33.9519, 38.6377

Monochromacy



Original Color

54.4974, 34.1913, 67.3456



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

38.6045, 32.6671, 46.9185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4974, 34.1913, 67.3456 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(244, 105, 214)` looks like.

```
.text, #text, p{  
    color:rgb(244, 105, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(244, 105, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 105, 214) }
```

Border

The CSS property to change the border of an element to XYZ 54.4974, 34.1913, 67.3456 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 105, 214) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(244, 105, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(244, 105, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 105, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 105, 214);  
box-shadow:4px 4px 4px 4px rgb(244, 105,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4974, 34.1913, 67.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 105, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(244,  
105, 214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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